

FIG. 1

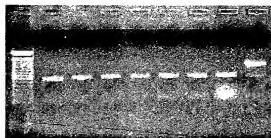
**Template mRNA**

- A. 100 bp ladder
- B. Colon
- C. Ovary
- D. Prostate
- E. Spleen
- F. Testis
- G. Thymus
- H. NHMC
- I. Control

A B C D E F G H I



Negative Image



Positive Image

- A. 100 bp ladder
- B. Colon
- C. Ovary
- D. Prostate
- E. Spleen
- F. Testis
- G. Thymus
- H. NHMC
- I. Control

FIG. 1 A

1	2	3	4	5	6	7	8	9	10	11	12
whole brain	cerebellum, left	substantia nigra	heart	esophagus	colon, transverse	kidney	lung	liver	leukemia, HL-60	fetal brain	yeast total RNA
cerebral cortex	cerebellum, right	accumbens nucleus	aorta	stomach	colon, descending	skeletal muscle	placenta	pancreas	HeLa S3	fetal heart	yeast tRNA
frontal lobe	corpus callosum	thalamus	atrium, left	duodenum	rectum	spleen	bladder	adrenal gland	leukemia, K-562	fetal kidney	<i>E. coli</i> rRNA
parietal lobe	amygdala	pituitary gland	atrium, right	jejunum		thymus	uterus	thyroid gland	leukemia, MOLT-4	fetal liver	<i>E. coli</i> DNA
occipital lobe	caudate nucleus	spinal cord	ventricle, left	ileum		peripheral blood leukocyte	prostate	salivary gland	Burkitt's lymphoma, Raji	fetal spleen	Poly (dA)
temporal lobe	hippocampus		ventricle, right	ileocecum		lymph node	testis	mammary gland	Burkitt's lymphoma, Daudi	fetal thymus	human Cyt.-1 DNA*
p.g.* of cerebral cortex	medulla oblongata		inter-ventricular septum	appendix		bone marrow	ovary		colorectal adenocarcinoma, SW680	fetal lung	human DNA 100 ng
pons	putamen		apex of the heart	colon, ascending		trachea			lung carcinoma, A549		human DNA 500 ng

\* paracentral gyrus

urchaser

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FIG. 1 B

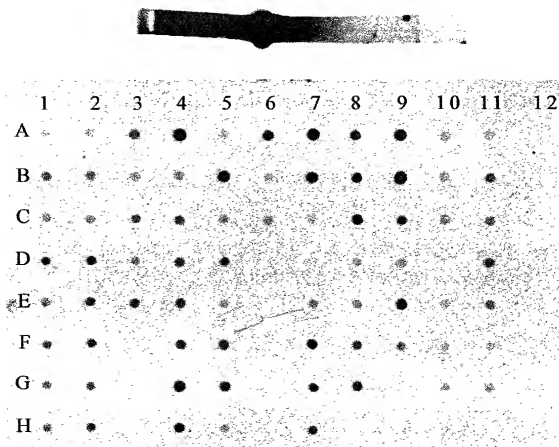


FIG. 2







Volume Mammastatin Conditioned Media	Mammastatin Control	Patient Serum Prostate Samples	Volume Serum and Prostate Conditioned Media
500 $\mu$ l			500 $\mu$ l
250 $\mu$ l			250 $\mu$ l
125 $\mu$ l			Breast Cancer Patient Serum
75 $\mu$ l			125 $\mu$ l
50 $\mu$ l			75 $\mu$ l
25 $\mu$ l			Prostate Media
10 $\mu$ l			500 $\mu$ l Normal
0 $\mu$ l			500 $\mu$ l Cancer

FIG. 3

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FIG. 4

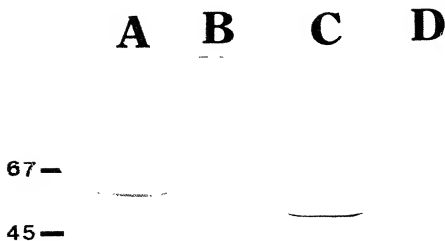


FIG. 5

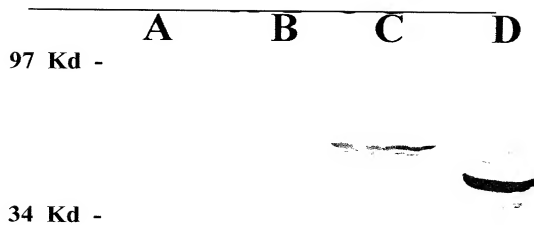


FIG. 6

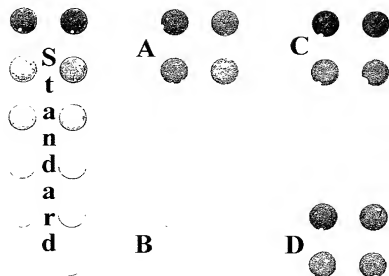




FIG. 7

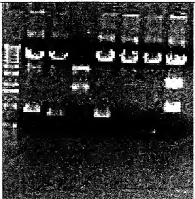
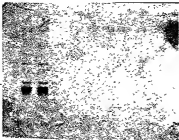
DNA Lane	Gel (Positive)	1 2 3 4 5 6 7 8	
			<b>Ethidium Bromide stain</b> of plasmid DNA digested with ECO R1 and Xho1, separated on 1% agarose: 1) Molecular weight ladder, 2) Clone ccp2U-1, 3) Clone ccp2U-2, 4) Clone ccp2U-3, 5) Clone ccp2U-4, 6) Clone ccp2U-5, 7) Clone ccp2U-6, 8) Clone ccp2U-7.
Nitrocellulose Membrane		1 2 3 4 5 6 7 8 9 10	
Putative Prostastatin			<b>Southern Blot</b> of plasmid DNA digested with ECO R1 and Xho1, separated on 1% agarose transferred to nitrocellulose and hybridized to digoxin labeled 2U PCR product: 1) Molecular weight ladder, 2) Clone ccp2U-1, 3) Clone ccp2U-2, 4) Clone ccp2U-3, 5) Clone ccp2U-4, 6) Clone ccp2U-5, 7) Clone ccp2U-6, 8) Clone ccp2U-7, 9) Clone ccp2U-8, 10) Clone ccp2U-9.

FIG. 8

Mammasatin and Related Gene Structure

